

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|------------------------------|------------------|---------|------------------|
| S1    | 1       | ("20040145994").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2006/12/30 13:20 |
| S5    | 380538  | (second "2" two multi\$6 plural\$4)<br>near5 phas\$4    | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:41 |
| S6    | 33236   | holog\$6  | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:22 |
| S7    | 1107341 | (shift\$4 overlap)                                      | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:22 |
| S8    | 620     | (369/103 369/112.15).ccls.                              | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:23 |
| S9    | 140     | S5 with S6 with S7                                      | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:24 |
| S10   | 10      | S8 and S9   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:24 |
| S11   | 6350    | (second "2" two multi\$6 plural\$4)<br>near5 holog\$5   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:41 |
| S13   | 794     | S7 same S11   | US-PGPUB;<br>USPAT           | OR               | ON      | 2006/12/30 15:42 |
| S14   | 71      | S8 and S13  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 15:03 |
| S15   | 4       | ("4018503" "5719691" "5877873"<br>"5949558").pn.        | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:01 |
| S16   | 37918   | shift\$4 near10 (y y-direction y-ax\$3<br>radial track) | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:03 |
| S17   | 380901  | (second "2" two multi\$6 plural\$4)<br>near5 phas\$4    | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:04 |
| S18   | 6354    | (second "2" two multi\$6 plural\$4)<br>near5 holog\$5   | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:04 |
| S19   | 8       | S17 same S18 same S16                                   | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:07 |
| S20   | 155     | S16 and S17 and S18                                     | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:07 |
| S21   | 44205   | "369".clas.   | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:07 |
| S22   | 63      | S20 and S21   | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:31 |
| S23   | 2671    | second\$3 near6 bragg                                   | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:31 |
| S24   | 17575   | holog\$4  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/01/03 10:32 |

## EAST Search History

|     |        |   |                    |    |    |                  |
|-----|--------|---|--------------------|----|----|------------------|
| S25 | 188    | S23 and S24   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 10:32 |
| S26 | 17     | S25 and S21   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 10:53 |
| S27 | 176208 | (correlat\$4 differ\$5) near6 phas\$6                 | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 10:54 |
| S28 | 173    | S18 with S27  | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 10:55 |
| S29 | 32     | S21 and S28   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 12:05 |
| S30 | 493    | 369/103.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 12:05 |
| S31 | 15763  | (correlat\$6 near10 phas\$6)                          | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 12:06 |
| S32 | 977    | shift\$3 near10 holog\$4                              | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 12:06 |
| S33 | 584078 | overlap\$4 over-writ\$4 (over near2<br>(writ\$3 lap)) | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 12:07 |
| S34 | 55     | S31 and S32 and S33                                   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 12:07 |
| S35 | 1251   | (369/103 359/11 359/22 359/24).<br>ccls.              | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 15:04 |
| S36 | 15763  | (correlat\$6 near10 phas\$6)                          | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 15:05 |
| S37 | 977    | shift\$3 near10 holog\$4                              | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 15:05 |
| S38 | 584078 | overlap\$4 over-writ\$4 (over near2<br>(writ\$3 lap)) | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 15:05 |
| S39 | 27     | S36 and S37 and S38 and S35                           | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 16:44 |
| S42 | 1      | "5627644".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 17:11 |
| S43 | 1      | "5627664".pn.   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/03 17:11 |